

Appl. No. 10/787,302

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A user device capable of walkie-talkie-like functionality adapted to participate in dispatch calls through a dispatch network, the user device being further adapted to obtain from the dispatch network a user-device specific set of at least one provisioned talk group identifier having a respective provisioned talkgroup identifier for each talkgroup provisioned for the user device, and to make information pertaining to the provisioned talkgroup identifiers available to a user of the user device.
2. (Original) A user device according to claim 1 wherein the user device is a wireless device.
3. (Original) A user device according to claim 2 wherein the information pertaining to the provisioned talkgroup identifiers is selected from a group consisting of:
  - the provisioned talkgroup identifiers themselves;
  - a respective corresponding name for each provisioned talkgroup identifier;
  - a combination of some of the provisioned talkgroup identifiers themselves and a respective corresponding name for some of the provisioned talkgroup identifiers.
4. (Original) A user device according to claim 2 comprising a message generation and processing function adapted to:
  - transmit a first message to the dispatch network to request the respective provisioned talkgroup identifier for each talkgroup provisioned for the user device; and
  - receive at least a second message from the dispatch network containing the provisioned talkgroup identifier(s).
5. (Original) A user device according to claim 4 wherein the first and second messages are layer 3 messages.

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6. (Original) A user device according to claim 4 comprising:

a user interface for receiving an input from a user requesting that the first message be transmitted, and in response to which input transmits the first message.

7. (Original) A user device according to claim 4 adapted to transmit the first message automatically upon being powered on.

8. (Original) A user device according to claim 2 which is compliant with an iDENT™ standard.

9. (Original) A user device according to claim 2 adapted to obtain from the network a respective provisioned talkgroup identifier for each talkgroup provisioned for the user device by automatically trying to join each of a plurality of talkgroups that could possibly be provisioned, and maintaining a record of which talkgroups were successfully joined.

10. (Original) A system comprising at least one user device according to claim 2 in combination with

the dispatch network adapted to provide to each user device a respective provisioned talkgroup identifier for each talkgroup provisioned for the user device.

11. (Original) A system according to claim 10 wherein the dispatch network provides each user device the respective provisioned talkgroup identifiers in response to a request from the user device.

12. (Original) A system comprising at least one user device according to claim 4 in combination with the dispatch network adapted to provide to the at least one user device the respective provisioned talkgroup identifier for each talkgroup provisioned for the user device.

13. (Currently Amended) A dispatch network adapted to provide dispatch services to user devices capable of walkie-talkie-like functionality, the dispatch network being adapted to provide to each user device a user-device specific set of at least one provisioned talk group identifier having a respective provisioned talkgroup identifier for each talkgroup provisioned for the user device.

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14. (Original) A dispatch network according to claim 13, wherein the user devices are wireless devices.

15. (Original) A dispatch network according to claim 14 comprising a message generation and processing function adapted to:

receive a first message from a particular user device requesting the respective provisioned talkgroup identifier for each talkgroup provisioned for the user device; and

transmit at least a second message containing the provisioned talkgroup identifier(s).

16. (Original) A dispatch network according to claim 15 adapted to transmit a message containing the provisioned talkgroup identifier(s) to a given user device automatically upon power on of the given user device.

17. (Original) A dispatch network according to claim 14 comprising a dispatch controller, the dispatch server comprising:

a D-HLR (dispatch-home location register) maintaining for each user device a respective list of provisioned talkgroup identifiers; and

a DAP (dispatch application processor) adapted to process a first message from a particular user device to request the respective provisioned talkgroup identifier for each talkgroup provisioned for the user device to obtain the provisioned talkgroup identifiers from the D-HLR, and to transmit at least a second message containing the provisioned talkgroup identifier(s).

18. (Original) A dispatch network according to claim 17 further comprising at least one EBTS through which messages are routed between user devices and the dispatch application processor.

19. (Original) A dispatch network according to claim 14 adapted to transmit a message containing the provisioned talkgroup identifier(s) to a given user device automatically whenever there has been a change in the provisioned talkgroup identifier(s) of the given user device.

20. (Currently Amended) A method of provisioned talkgroup discovery comprising:

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a user device capable of walkie-talkie-like functionality transmitting a request to a dispatch network;

the dispatch network receiving the request and responding with a response containing a user-device specific set of at least one provisioned talk group identifier having a respective provisioned talkgroup identifier for each talkgroup provisioned for the user device; and

the user device receiving the response and making the provisioned talkgroup identifiers available to a user of the user device.

21. (Original) A method according to claim 20, wherein the user device is a wireless device.

22. (Original) A method according to claim 21 further comprising:

the user device receiving an input from a user in response to which input the request is transmitted.

23. (Original) A method according to claim 21 wherein the request and response are sent using layer 3 messages.

24. (Original) A method according to claim 21 wherein the request is a registration request and the response is an enhanced registration accept message.

25. (Currently Amended) A memory for storing data for access by a user device of a dispatch network, comprising:

a data structure stored in said memory, said data structure being a message containing a user-device specific set of at least one provisioned talk group identifier having a provisioned talkgroup identifier for each talkgroup provisioned for the user device.

26. (Original) A memory according to claim 25 wherein the data structure is an enhanced registration accept message.